



Fidar shimi ramand (Fidar shimi)
Q.C. Laboratory
Certificate of Analysis
(Chemical & Physical Test)

Form No. & Rev.
FS100
Form Revision
Date:
1402-03-31

فرم آنالیز مواد

No. Sample:	-----	Operator:	h.radpour
Lab. Pressure:	-----	Date:	-----
Lab. Temperature:	25 °C	Lab. Relative Humidity:	-----

Name: Hydrofluoric acid 48%

NO.	Test Description	Unit	Results
			Corrected (101.3 kpa)
1	Assay (acidimetric)	%	47.5- 49
2	Density (20 °C)	g/cm3	1.16
3	pH value (H ₂ O, 20 °C)	-----	2
4	Color	Hazen	≤ 10
5	Chloride (Cl)	ppm	≤ 1
6	Hexafluorosilicate (SiF ₆)	ppm	≤ 50
7	Nitrate (NO ₃)	ppm	≤ 5
8	Sulfate and sulphite (as SO ₄)	ppm	≤ 5
9	Heavy metals (as Pb)	ppm	≤ 0.5
10	Fe (Iron)	ppm	≤ 0.100
11	Residue on ignition (as sulfates)	ppm	≤ 5

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